

THOMSON  
DELPHION

RESEARCH PRODUCTS INSIDE DELPHION

## The Delphion Integrated View

Get Now:  PDF | More choices...

Tools: Add to Work File: Create new Work File  [Go]

View: INPADOC | Jump to: Top

[Go] Go to: Derwent

[Email] Email this to a friend

>Title: JP9227200A2: PRODUCTION OF INORGANIC BOARD

Derwent Title: Manufacturing inorganic boards - comprises dispersing raw inorganic mixture of cement, fibre, and alkali-treated hollow filler, in water, then dewatering, laminating, moulding etc.. [Derwent Record]

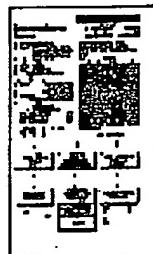
Country: JP Japan

Kind: A (See also: [JP3265183B2](#))

Inventor: NISHIZAWA KAZUHIDE;

Assignee: NICHIA CORP

[News](#), [Profiles](#), [Stocks](#) and [More about this company](#)



View Image

1 page

Published / Filed: 1997-09-02 / 1996-02-28

Application Number: JP1996000069119

IPC Code: C04B 28/02; B28B 1/52; B28B 3/02; C04B 28/02;

ECLA Code: C04B28/02;

Priority Number: 1996-02-28 JP1996000069119

Abstract: PROBLEM TO BE SOLVED: To improve the interlaminar adhesion between a multilayer mat and an inorganic board product to surely prevent their delamination by using a raw material mixture mainly comprising cement and a fiber material and in addition, inorganic hollow filler treated with alkali.

SOLUTION: A mixture of inorganic board raw materials mainly comprising cement and fibrous material and, in addition, alkali-treated inorganic hollow filler is dispersed in water to prepare a slurry. This slurry is subjected to fiber sheet-making and drained to form mats, then mats are laminated to a multilayer product and the laminated mat is molded and cured by aging. The inorganic hollow filler is preferably alkali-treated by dipping the filter in an aqueous alkali with a pH of  $\geq 9$  for  $\geq 10$  minutes under stirring. During the alkali treatment, a non-hollow inorganic powder (for example, calcium carbonate, talc or the like) is preferably admixed to the aqueous alkali solution.

COPYRIGHT: (C)1997,JPO

INPADOC None Get Now: [Family Legal Status Report](#)

Legal Status:

Family: [Show 3 known family members](#)

Other Abstract Info: CHEMABS 127(16)224291Z CAN127(16)224291Z DERABS C97-486254  
DERC97-486254

(19)日本国特許庁 (JP)

(12) 公開特許公報 (A)

(11)特許出願公開番号

特開平9-227200

(43)公開日 平成9年(1997)9月2日

(51)Int.Cl.<sup>6</sup>  
C 0 4 B 28/02  
B 2 8 B 1/52  
3/02  
// (C 0 4 B 28/02  
16:02

識別記号 庁内整理番号

F I  
C 0 4 B 28/02  
B 2 8 B 1/52  
3/02

技術表示箇所

J

審査請求 未請求 請求項の数4 FD (全4頁) 最終頁に続く

(21)出願番号

特願平8-69119

(22)出願日

平成8年(1996)2月28日

(71)出願人 000110860

ニチハ株式会社

愛知県名古屋市港区汐止町12番地

(72)発明者 西沢 和秀

名古屋市港区汐止町12番地 ニチハ株式会  
社内

(74)代理人 弁理士 宇佐見 忠男

(54)【発明の名称】 無機質板の製造方法

(57)【要約】

【課題】本発明の課題は無機質板の層間剥離現象を確実  
に防止することにある。

【解決手段】セメント類と纖維物質とを主体とした原料  
混合物に更にアルカリ処理した無機質中空フィラーを添  
加してスラリーとし、該スラリーを抄造脱水したマット  
を複数層積層して積層マットとし、該積層マットを成形  
養生硬化せしめる。